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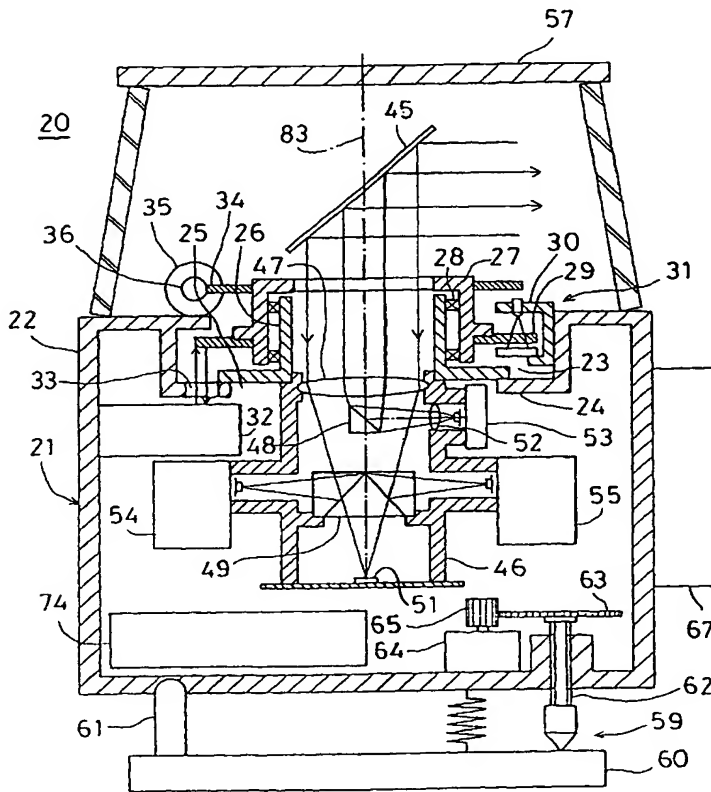
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(54) Title: MEASUREMENT DEVICE

(54) 発明の名称: 測量装置



(57) Abstract: A measurement device (20) has a device main body (21) and an operation device (67) detachably attached to the device main body. The device main body applies measurement light to an object to be measured and measures the position according to the light reflected from the object to be measured. The device main body includes: distance measurement sections (54, 55) for applying the aforementioned measurement light to measure a distance; imaging sections (51, 53) for acquiring an image; a rotary reflection mirror (45) for directing the measurement light to the object to be measured, directing the reflected light from the object to be measured to a light reception section, and directing the image of the radiation direction to the imaging sections; detection means (31) for detecting the rotation position of the reflection mirror; and a control section (74) for controlling at least the distance measurement sections, the imaging sections, and the rotation position of the reflection mirror. The operation device includes a display section for displaying the image acquired by the imaging sections.

(57) 要約: 装置本体(21)と該装置本体に着脱可能な操作装置(67)とを有し、前記装置本体は測定対象物に向けて測定光を照射し、前記測定対象物からの反射光に基づいて位置を測定する測量装置(20)であり、前記測定光を発し距離を測

定する測距部(54),(55)と、画像を取得する為の撮像部(51),(53)と、前記測定対象物に測定光を向け、前記測定対象物からの反射光を受光部に向けると共に照射方向の

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ABSTRACT OF THE DISCLOSURE

The present invention provides a surveying instrument (20), comprising a surveying instrument main unit (21) which projects a measuring light to an object to be measured and measures a position based on a reflection light from the object to be measured and an operation device (67) which is removably attached on the surveying instrument main unit, wherein the surveying instrument main unit comprises a distance measuring unit (54) and (55) for emitting the measuring light and for measuring a distance, an image pickup unit (51) and (53) for acquiring an image, a reflection mirror (45) rotatably mounted and used for directing the measuring light toward the object to be measured, for directing the reflected light from the object to be measured toward a light receiving unit, and for directing the image in a projecting direction toward the image pickup unit, a detecting means (31) for detecting a rotating position of the reflection mirror, and a control unit (74) for controlling at least the distance measuring unit, the image pickup unit and the rotating position of the reflection mirror, and wherein the operation device comprises a display unit for displaying the image acquired by the image pickup unit.